

I Claim:

1 1. Adaption apparatus for an air filter assembly having top, bottom,
2 front and back sides defining a rectangular cabinet for receiving an air filter therein,
3 said cabinet including a plurality of guide rails attached to said top and bottom sides
4 to define a cavity having fixed vertical and thickness dimensions sized to be
5 substantially equal to those of a relatively large filter element, comprising:

6 a plurality of rail extender brackets with each being attached to one of said
7 plurality of guide rails so as to reduce the vertical dimension of said cavity to less
8 than a vertical dimension of a relatively small filter and to further reduce the
9 thickness dimension of said cavity to that which is substantially equal to that of said
10 relatively small filter.

1 2. Adaption apparatus as set forth in claim 1 wherein the length of said
2 plurality of guide rails do not extend the full length of said cabinet.

1 3. Adaption apparatus as set forth in claim 1 wherein said plurality of
2 rail extender brackets are removably attached to said plurality of guide rails.

1 4. Adaption apparatus as set forth in claim 3 wherein said plurality of
2 rail extender brackets include a U-shaped element that straddles a vertical element of
3 a respective said guide rail.

1 5. Adaption apparatus as set forth in claim 4 wherein said plurality of
2 rail extender brackets are formed in an S shape.

1 6. Adaption apparatus as set forth in claim 1 wherein said plurality of
2 rail extenders are composed of a plastic material.

1 7. Adaption apparatus as set forth in claim 1 wherein there are four
2 guide rails and four rail extender brackets with one of each in each corner of said
cavity.

1 8. Adaption apparatus as set forth in claim 1 wherein said plurality of
2 rail extender bracket includes at least one rib formed on a inner side of one leg
3 thereof for purposes of frictionally engaging a side of said guide rail.

1 9. A method of adapting the size and configuration of an air filter
2 assembly having top, bottom, front and back sides defining a rectangular cabinet for
3 receiving an air filter therein said framework including a plurality of guide rails
4 attached to said top and bottom sides to define a cavity having fixed vertical and
5 thickness dimensions sized to be substantially equal to those of the relatively large
6 filter element, comprising the steps of:
7 providing a rail extender bracket for each of said plurality of guide rails;
8 attaching said extender brackets to said respective guide rails so as to
9 simultaneously reduce said cavity vertical dimension to less than that of a relatively
10 small filter and reduce said cavity thickness to be substantially equal to that of said
11 relatively small filter; and
12 installing said relatively small filter in said reduced cavity.

1 10. A method as set forth in claim 9 wherein the step of attaching said
2 extender bracket to said respective rails is accomplished by removably attaching said
3 rail extender elements.

1 11. A method as set forth in claim 9 wherein said plurality of guide rails
2 do not extend the full length of the rectangular cabinet, but said rail extender
3 brackets do extend across the full length of said rectangular cabinet.

1 12. A method as set forth in claim 9 wherein the number of guide rails
2 and the number of rail extender brackets is four.

1 13. A method as set forth in claim 9 wherein said rail extender brackets
2 include a U-shaped element, and further wherein said attaching step includes the step
3 of straddling said U-shaped element over a vertically extending portion of said guide
4 rail.

1 14. A method as set forth in claim 9 wherein said rail extender brackets
2 are S-shaped.

1 15. A method as set forth in claim 10 wherein said rail extender brackets
2 include at least one rib that frictionally engages one side of a guide rail brackets
3 during the attaching step.